

APPENDIX "A"

PENDING CLAIMS

1 1. For use in a processing system having a display screen, an apparatus for highlighting
2 a selected portion of said display screen comprising:
3 a color shift controller capable of receiving a user input selecting one of a plurality
4 of portions of said display screen and, in response to said user input selection, modifying a value of
5 at least one pixel within said selected portion to increase the color temperature of said at least one
6 pixel.

1 2. The apparatus as set forth in Claim 1 wherein said display screen comprises a cathode
2 ray tube (CRT) screen.

1 3. The apparatus as set forth in Claim 1 wherein said display screen comprises one of:
2 a liquid crystal display screen, a flat panel display screen, a plasma display screen, and a projection
3 display screen.

1 4. The apparatus as set forth in Claim 1 wherein said selected portion of said display
2 screen comprises a first window controlled by a first application executed by said processing system
3 and wherein said color shift controller is capable of modifying red-blue-green (RGB) values of a
4 plurality of pixels in said first window to thereby increase a color temperature of said plurality of
5 pixels.

1 5. The apparatus as set forth in Claim 1 wherein said selected portion of said display
2 screen comprises a first window controlled by a first application executed by said processing system
3 and wherein said color shift controller is capable of modifying a first set of white pixel values in said
4 first window to increase the color temperature of said white pixel values.

1 6. The apparatus as set forth in Claim 5 wherein said color shift controller increases the
2 color temperature of said white pixel values by using a linear matrix in software to transform the
3 original red-green-blue (RGB) values to new red-green-blue (RGB) values that have a higher color
4 temperature.

1 7. The apparatus as set forth in Claim 1 wherein said color shift controller increases the
2 color temperature of said at least one pixel relative to a color temperature of a background of said
3 display screen.

1 8. A processing system comprising:
2 a display screen;
3 a memory;
4 a data processor; and

5 an apparatus for highlighting a selected portion of said display screen comprising a color
6 shift controller capable of receiving a user input selecting one of a plurality of portions of said
7 display screen and, in response to said user input selection, modifying a value of at least one pixel
8 within said selected portion to increase the color temperature of said at least one pixel.

1 9. The processing system as set forth in Claim 8 wherein said display screen comprises
2 a cathode ray tube (CRT) screen.

1 10. The processing system as set forth in Claim 8 wherein said display screen comprises
2 one of: a liquid crystal display screen, a flat panel display screen, a plasma display screen, and a
3 projection display screen.

1 11. The processing system as set forth in Claim 8 wherein said selected portion of said
2 display screen comprises a first window controlled by a first application executed by said processing
3 system and wherein said color shift controller is capable of modifying red-blue-green (RGB) values
4 of a plurality of pixels in said first window to thereby increase a color temperature of said plurality
5 of pixels.

1 12. The processing system as set forth in Claim 8 wherein said selected portion of said
2 display screen comprises a first window controlled by a first application executed by said processing
3 system and wherein said color shift controller is capable of modifying a first set of white pixel values
4 in said first window to increase the color temperature of said white pixel values.

1 13. The processing system as set forth in Claim 12 wherein said color shift controller
2 increases the color temperature of said white pixel values by using a linear matrix in software to
3 transform the original red-green-blue (RGB) values to new red-green-blue (RGB) values that have
4 a higher color temperature.

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1 14. The processing system as set forth in Claim 8 wherein said color shift controller
2 increases the color temperature of said at least one pixel relative to a color temperature of a
3 background of said display screen.

1 15. For use in a processing system having a display screen, a method for highlighting a
2 selected portion of said display screen comprising:
3 selecting a portion of said display screen; and
4 increasing the color temperature of at least one color within said selected portion of
5 said display screen.

1 16. The method as set forth in Claim 15 wherein the step of increasing the color
2 temperature of at least one color within said selected portion of said display screen comprises the
3 sub-step of:

4 modifying red-blue-green (RGB) values of a plurality of pixels within said selected
5 portion of said display screen to thereby increase a color temperature of said plurality of pixels.

1 17. The method as set forth in Claim 15 wherein the step of increasing the color
2 temperature of at least one color within said selected portion of said display screen comprises the
3 sub-step of:

4 modifying white values of a plurality of pixels within said selected portion of said
5 display screen to increase the color temperature of said white pixel values.

1 18. The method as set forth in Claim 17 wherein the step of modifying white values of a
2 plurality of pixels within said selected portion of said display screen to increase the color temperature
3 of said white pixel values comprises the sub-step of:

4 transforming in a linear matrix in software original red-green-blue (RGB) values to new
5 red-green-blue (RGB) values that have a higher color temperature.

1 19. The method as set forth in Claim 15 wherein the step of increasing the color
2 temperature comprises the sub-step of increasing the color temperature of said at least one pixel
3 relative to a color temperature of a background of said display screen.

1 20. For use in a processing system having a display screen, computer-executable
2 instructions stored on a computer-readable storage medium for highlighting a selected portion of said
3 display screen, the computer-executable instructions comprising the steps of:

4 receiving a user input selecting a portion of said display screen; and
5 increasing the color temperature of at least one color within said selected portion of
6 said display screen.

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1 21. The computer-executable instructions stored on a computer-readable storage medium
2 as set forth in Claim 20 wherein the step of increasing the color temperature of at least one color
3 within said selected portion of said display screen comprises the substep of:

4 modifying red-blue-green (RGB) values of a plurality of pixels within said selected portion
5 of said display screen to thereby increase a color temperature of said plurality of pixels.

1 22. The computer-executable instructions stored on a computer readable storage medium
2 as set forth in Claim 20 wherein the step of increasing the color temperature of at least one color
3 within said selected portion of said display screen comprises the substep of:

4 modifying white values of a plurality of pixels within said selected portion of said display
5 screen to increase the color temperature of said white pixel values.

1 23. The computer-executable instructions stored on a computer readable storage medium
2 as set forth in Claim 22 wherein the step of modifying white values of a plurality of pixels within
3 said selected portion of said display screen to increase the color temperature of said white pixel
4 values comprises the sub-step of:

5 transforming in a linear matrix in software original red-green-blue (RGB) values to new
6 red-green-blue (RGB) values that have a higher color temperature.

1 24. The computer-executable instructions stored on a computer readable storage medium
2 as set forth in Claim 20 wherein the step of increasing the color temperature comprises the sub-step
3 of increasing the color temperature of said at least one pixel relative to a color temperature of a
4 background of said display screen.